

What is Claimed is

1. A porous film molded from a composition containing 25 to 55% by weight of polyolefinic resin and 75 to 45% by weight of inorganic filler, in which the polyolefinic resin comprises 98 to 70% by weight of linear low density polyethylene and 2 to 30% by weight of branched low density polyethylene, and contains 0.5 to 5 parts by weight of liquid ethylene- $\alpha$ -olefin oligomer based on 100 parts by weight of the composition.

2. A porous film as defined in claim 1, wherein the kinetic viscosity at 40°C of the ethylene- $\alpha$ -olefin oligomer is from 50 to 100000 mm<sup>2</sup>/sec.

3. A porous film as defined in claim 1, wherein the moisture permeability of the porous film is from 1500 to 4000 g/m<sup>2</sup> · 24 hr.

4. A porous film as defined in claim 1, wherein the uniformness of the thickness of the porous film is 0.15 or less.

5. A porous film as defined in claim 1, wherein the ratio ( $S_T/T_H$ ) of the rigidity ( $S_T$ : mm) relative to the

thickness of the porous film ( $T_H$  :  $\mu\text{m}$ ) is from 1.3 to 2.2.

6. A porous film as defined in claim 1, wherein the ratio ( $T_S/T_H$ ) of the exudation start time ( $T_S$  : min) relative to the thickness of the porous film ( $T_H$  :  $\mu\text{m}$ ) is at least 0.2 and the ratio ( $T_E/T_H$ ) of exudation end time ( $T_E$  : min) relative to the thickness ( $T_H$  :  $\mu\text{m}$ ) is at least 0.4.

7. A porous film as defined in claim 1, wherein the thickness of the porous film is from 10 to 300  $\mu\text{m}$ .

8. A method of manufacturing a porous film as defined in any one of claims 1 to 7 of molding a film from composition containing 25 to 55% by weight of polyolefinic resin and 75 to 45% by weight of inorganic filler, and stretching the thus obtained film at least in the machine direction, which comprises using resin containing from 98 to 70% by weight of linear low density polyethylene and from 2 to 30% by weight of branched low density polyethylene as the polyolefinic resin, adding from 0.5 to 5 parts by weight of liquid ethylene- $\alpha$ -olefin oligomer based on 100 parts by weight of the composition and taking up the film while stretching at line speed at least of 100 m/min upon stretching in the machine direction.

9. A manufacturing method of a porous film as defined in claim 8, wherein the stretching factor at least in the machine direction is at least 1.2 times.